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In re Application of:

**DANIEL A. HENDERSON**

Examiner: **BARNIE, R.**

Serial No. **09/477,167**

Filed: **4 JANUARY 2000**

Art Unit: **2743**

For: **METHOD AND APPARATUS FOR IMPROVED PAGING RECEIVER AND  
SYSTEM**

**SUPPLEMENTAL AMENDMENT**

Hon. Commissioner of Patents  
and Trademarks  
Arlington, Virginia 22202-0327

Sir:

Applicant submits new Claims 40-363.

<p style="text-align: center;"><i>CERTIFICATE OF HAND DELIVERY</i> 37 CFR § 1.8(a)</p> <p>I hereby certify that this paper or fee is being HAND DELIVERED under 37 C.F.R. § 1.8(a) on the date indicated below and is addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231.</p> <p>Date of Deposit: _____ By: _____</p>
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- 5    19. **(AMENDED ONCE)** A method for use in a telephone network and a  
paging system in order to establish communication between a page-  
originating communicant and a page-receiving communicant, said method  
comprising:
- 10    initiating communication between a page-originating communicant and a  
page-receiving communicant over a telephone network;
- transmitting to said paging system caller identification information associated  
with a call placed by said page-originating communicant from said telephone  
15    network, without requiring entry of said caller-identification information by  
said page-originating communicant;
- said paging system transmitting said caller identification information to a  
paging device, thereby establishing communication between said page-  
20    originating and said page-receiving communicant.

5    20. **(AMENDED TWICE)** A method In accordance with claim 19 wherein a code is transmitted to said paging system with said caller identification information.

21. **(AMENDED ONCE)** A method in accordance with claim 19 wherein a code is transmitted before said caller identification information.

10    22. **(AMENDED ONCE)** A method in accordance with claim 20 wherein said code is transmitted after said caller identification information.

23. **(AMENDED ONCE)** A method in accordance with claim 19 wherein, after transmitting said caller identification information to said paging system, a personal identification code is transmitted.

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5 24. **(AMENDED ONCE)** A wireless information communication system  
connected to a telephone line, which establishes communication between a  
page-originating communicant and a page-receiving communicant, said  
system comprising:

10 a decoder for receiving from a telephone network caller identification  
information and a memory buffer for storing said caller identification  
information associated with a call placed by a page-originating communicant;

a receiver that receives a paging request over said telephone network  
from said page-originating communicant; and

15 a transmitter for causing a paging system to transmit said caller  
identification information to a paging device identified to a page-receiving  
communicant.

- 5    25. **(AMENDED ONCE)** A system in accordance with claim 24 wherein said decoder for receiving caller identification information comprises a frequency shift key decoder.
26. **(AMENDED ONCE)** A system in accordance with claim 24 wherein said transmitter is directly connected to said receiver.
- 10   27. **(AMENDED ONCE)** A system in accordance with claim 24 wherein said transmitter to transmit comprises means for retrieving said ICLID from said means for receiving and storing said ICLID and sending said ICLID through a DTMF generator.
28. **(AMENDED ONCE)** A system in accordance with claim 24 further  
15 including an automated checking routine that receives said caller identification information from said telephone line to coordinate operation of said transmitter for causing transmission of said caller identification information to said page-receiving communicant.
29. **(AMENDED ONCE)** A system in accordance with claim 24 further  
20 including a switch hook for connecting said system to said telephone line.

5 30. (CANCELLED)

31. (CANCELLED)

32. (CANCELLED)

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33. (CANCELLED)

34. (CANCELLED)

15 35. (CANCELLED)

36. (CANCELLED)

37. (CANCELLED)

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38. (CANCELLED)

39. (CANCELLED)

5 40. (NEW) A method of communicating information from a page-originating  
communicant to a page-receiving communicant utilizing a wireless information  
communication system which operates by generating a page after receiving a  
paging request from said page-originating communicant over a telephone  
network, comprising the method steps of:

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(a) providing a personal communication device identified in said  
wireless information communication system to said page-receiving  
communicant, said personal communication device including:

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(1) a database recorded in memory with a plurality of  
associated data fields, including a field which is representative of telephone  
numbers; and

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(2) a display member for displaying at least one of (1)  
information obtained from said telephone network, and (2) information  
obtained from said plurality of data fields;

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(b) initiating communication between said page-originating  
communicant and said page-receiving communicant utilizing said telephone  
network and said wireless information communication system;

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(c) automatically passing caller-identification information from said  
telephone network to said wireless information communication system, said  
caller-identification information including at least data representative of a  
telephone number or name associated with a particular telephone unit utilized  
by said page-originating communicant in making said paging request without  
requiring entry by said page-originating communicant of said caller-  
identification information;

5           (d)     allowing input by said page-originating communicant of optional data into said wireless information communication system;

          (e)     utilizing said wireless information communication system to transmit (1) said caller-identification information or (2) said optional data to  
10   said personal communication device;

          (f)     receiving (1) said caller-identification information, or (2) said optional data at said personal communication device;

15           (g)     displaying (1) said caller-identification information, or (2) said optional data in said display member of said personal communication device, thereby establishing communication between said page-originating communicant and said page-receiving communicant.

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- 5     41. **(NEW)** A method of communicating information from a page-originating  
communicant to a page-receiving communicant utilizing a wireless  
information communication system which operates by generating a page  
after receiving a paging request from said page-originating communicant over  
a telephone network, comprising the method steps of:
- 10     (a) providing a personal communication device identified in said  
wireless information communication system to said page-receiving  
communicant, said personal communication device including:
- 15             (1) a database recorded in memory with a plurality of associated  
data fields, including a field which is representative of  
telephone numbers;
- (2) a display member for displaying at least one of (1) information  
obtained from said telephone network, and (2) information  
20             obtained from said plurality of data fields;
- (b) initiating communication between said page-originating  
communicant and said page-receiving communicant utilizing said telephone  
network and said wireless information communication system;
- 25             (c) automatically passing caller-identification information from said  
telephone network to said wireless information communication system, said  
caller-identification information including at least data representative of a  
telephone number or name associated with a particular telephone unit utilized  
30     by said page-originating communicant in making said paging request without  
requiring entry by said page-originating communicant of said caller-  
identification information;

5           (d)     allowing input by said page-originating communicant of optional data into said wireless information communication system;

          (e)     utilizing said wireless information communication system to transmit to said personal communication device at least one of (1) said caller-  
10   identification information and (2) said optional data;

          (f)     receiving at least one of (1) said caller-identification information and (2) said optional data at said personal communication device;

15           (g)     displaying information in said display member of said personal communication device, including at least one of said caller-identification information and optional data, thereby establishing communication between said page-originating communicant and said page-receiving communicant.

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5     42. **(NEW)** A method as in Claim 40 wherein said wireless information  
communication system is a cellular network and said personal communication  
device is a cellular device.

10    43. **(NEW)** A method as in Claim 42 wherein said caller-identification  
information or said optional data received at said personal communication  
device is at least one of (a) encrypted and (b) encoded.

15    44. **(NEW)** A method as in Claim 42 wherein said caller-identification  
information or said optional data received at said personal communication  
device is digital data.

20    45. **(NEW)** A method as in Claim 42 wherein said caller-identification  
information or said optional data is utilized as redial data from said cellular  
device.

46. **(NEW)** A method as in Claim 40 wherein said caller-identification  
information or said optional data is utilized as redial data from said personal  
communication device.

25    47. **(NEW)** A method as in Claim 41 wherein said wireless information  
communication system is a cellular network and said personal communication  
device is a cellular device.

30    48. **(NEW)** A method as in Claim 47 wherein said caller-identification  
information and said optional data received at said personal communication  
device is at least one of (a) encrypted and (b) encoded.

- 5 49. **(NEW)** A method as in Claim 47 wherein said caller-identification  
information and said optional data received at said personal communication  
device is digital data.
- 10 50. **(NEW)** A method as in Claim 47 wherein said caller-identification  
information and said optional data is utilized as redial data from said cellular  
device.
- 15 51. **(NEW)** A method as in Claim 41 wherein said caller-identification  
information and said optional data is utilized as redial data from said personal  
communication device.
- 20 52. **(NEW)** A method as in Claim 40 wherein said wireless information  
communication system is a paging system and said personal communication  
device allows for two-way communication.
- 25 53. **(NEW)** A method as in Claim 41 wherein said wireless information  
communication system is a paging system and said personal communication  
device allows for two-way communication.
- 30 54. **(NEW)** A method as in Claim 40 wherein said caller-identification  
information received includes time and date information.
55. **(NEW)** A method as in Claim 41 wherein said caller-identification  
information received includes time and date information.

5 56. **(NEW)** A method as in Claim 54 wherein said caller-identification  
information received is stored in memory of said personal communication  
device in ascending or descending order, based upon time and date information  
in said caller-identification information or based upon the time and date said  
10 caller-identification information was transmitted by said wireless information  
communication system or received by said personal communication device.

57. **(NEW)** A method as in Claim 55 wherein said caller-identification  
information received is stored in memory of said personal communication  
device in ascending or descending order, based upon time and date information  
15 in said caller-identification information or based upon the time and date said  
caller-identification information was transmitted by said wireless information  
communication system or received by said personal communication device.

58. **(NEW)** A method as in Claim 40 wherein said caller-identification  
20 information or said optional data received is stored in memory of said personal  
communication device in ascending or descending order, based upon the time  
and date said caller-identification information or said optional data was  
transmitted by said wireless information communication system or received by  
said personal communication device.

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5 59. **(NEW)** A method as in Claim 41 wherein said caller-identification  
information and said optional data received is stored in memory of said  
personal communication device in ascending or descending order, based upon  
the time and date said caller-identification information and optional data were  
transmitted by said wireless information communication system or received by  
10 said personal communication device.

60. **(NEW)** A method as in Claim 40 wherein said optional data includes at  
least one of the following data types:

- 15 (a) numeric data;  
(b) alphanumeric data;  
(c) digitized speech data;  
(d) facsimile messages; and  
(e) images.

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61. **(NEW)** A method as in Claim 41 wherein said optional data includes at  
least one of the following data types:

- (f) numeric data;  
25 (g) alphanumeric data;  
(h) digitized speech data;  
(i) facsimile messages; and  
(j) images.

30 62. **(NEW)** A method as in Claim 40 wherein said optional data represents at  
least one of an alternative call-back number and caller-identifying data for said  
page-originating communicant.

5 63. **(NEW)** A method as in Claim 41 wherein said optional data represents at least one of an alternative call-back number and caller-identifying data for said page-originating communicant.

64. **(NEW)** A method as in Claim 40 wherein said caller-identifying information  
10 or said optional data is compressed prior to transmission to said personal communication device.

65. **(NEW)** A method as in Claim 41 wherein said caller-identifying information and said optional data are compressed prior to transmission to said  
15 personal communication device.

66. **(NEW)** A method as in Claim 42 wherein said caller-identifying information or said optional data is compressed prior to transmission to said cellular device.

20 67. **(NEW)** A method as in Claim 47 wherein said caller-identifying information and said optional data are compressed prior to transmission to said cellular device.

25 68. **(NEW)** A method as in Claim 40 wherein said caller-identification information or said optional data received at said personal communication device is at least one of (a) encrypted and (b) encoded.

69. **(NEW)** A method as in Claim 40 wherein said caller-identification  
30 information or said optional data received at said personal communication device is digital data.

5 70. **(NEW)** A method as in Claim 41 wherein said caller-identification  
information and said optional data received at said personal communication  
device are at least one of (a) encrypted and (b) encoded.

10 71. **(NEW)** A method as in Claim 41 wherein said caller-identification  
information and said optional data received at said personal communication  
device are digital data.

15 72. **(NEW)** A method as in Claim 40 wherein said caller-identification  
information or said optional data received is stored in memory of said personal  
communication device in ascending or descending order, based upon the  
contents of said caller-identification information or optional data received.

20 73. **(NEW)** A method as in Claim 41 wherein said caller-identification  
information and said optional data received is stored in memory of said  
personal communication device in ascending or descending order, based upon  
the contents of at least one of said caller-identification information and optional  
data received.



5 74. **(NEW)** A method as in Claim 42 wherein said caller-identification information or said optional data received is stored in memory of said personal communication device in ascending or descending order, based upon the contents of said caller-identification information or optional data received.

10 75. **(NEW)** A method as in Claim 47 wherein said caller-identification information and said optional data received is stored in memory of said personal communication device in ascending or descending order, based upon the contents of at least one of said caller-identification information and optional data received.

15 76. **(NEW)** A method as in Claim 40 wherein said caller-identification information or said optional data received is stored in memory of said personal communication device in ascending or descending order, based upon the presence of an urgent indicator received from said wireless information  
20 communication system.

77. **(NEW)** A method as in Claim 41 wherein said caller-identification information and said optional data received is stored in memory of said personal communication device based upon the presence of an urgent indicator  
25 received from said wireless information communication system.

78. **(NEW)** A method as in Claim 42 wherein said caller-identification information or said optional data received is stored in memory of said personal communication device based upon the presence of an urgent indicator received  
30 from said cellular network.

- 5    79. **(NEW)** A method as in Claim 47 wherein said caller-identification information and said optional data received is stored in memory of said personal communication device based upon the presence of an urgent indicator received from said cellular network.
- 10   80. **(NEW)** A method as in Claim 42 wherein said personal communication device is responsive to voice commands annunciated by the called party into a microphone connected to a voice command unit within the personal communication device.
- 15   81. **(NEW)** A method as in Claim 41 wherein said personal communication device is further responsive to said voice commands to communicate redial instructions to a communication system with voice recognition or with speech command capability.
- 20   82. **(NEW)** A method as in Claim 42 wherein said personal communication device is further responsive to said voice commands to control operation of functions such as "PLAY", "REWIND", "FORWARD", etc.
- 25   83. **(NEW)** A method as in Claim 43 wherein said personal communication device is responsive to voice commands annunciated by the called party into a microphone connected to a voice command unit within the personal communication device.

- 5     84. **(NEW)** A method as in Claim 44 wherein said personal communication device is further responsive to said voice commands to communicate redial instructions to a communication system with voice recognition or with speech command capability.
- 10    85. **(NEW)** A method as in Claim 45 wherein said personal communication device is further responsive to said voice commands to control operation of functions such as "PLAY", "REWIND", "FORWARD", etc.
- 15    86. **(NEW)** A method as in Claim 84 wherein said personal communication device is responsive to voice commands annunciated by the called party into a microphone connected to a voice command unit within the personal communication device.
- 20    87. **(NEW)** A method as in Claim 86 wherein said personal communication device is further responsive to said voice commands to communicate redial instructions to a communication system with voice recognition or with speech command capability.
- 25    88. **(NEW)** A method as in Claim 87 wherein said personal communication device is further responsive to said voice commands to control operation of functions such as "PLAY", "REWIND", "FORWARD", etc.

5     89. **(NEW)** A method as in Claim 45 wherein said personal communication device is responsive to voice commands annunciated by the called party into a microphone connected to a voice command unit within the personal communication device.

10    90. **(NEW)** A method as in Claim 89 wherein said personal communication device is further responsive to said voice commands to communicate redial instructions to a communication system with voice recognition or with speech command capability.

15    91. **(NEW)** A method as in Claim 90 wherein said personal communication device is further responsive to said voice commands to control operation of functions such as "PLAY", "REWIND", "FORWARD", etc.

20    92. **(NEW)** A method as in Claim 46 wherein said personal communication device is responsive to voice commands annunciated by the called party into a microphone connected to a voice command unit within the personal communication device.

25    93. **(NEW)** A method as in Claim 92 wherein said personal communication device is further responsive to said voice commands to communicate redial instructions to a communication system with voice recognition or with speech command capability.

- 5     94. **(NEW)** A method as in Claim 93 wherein said personal communication device is further responsive to said voice commands to control operation of functions such as "PLAY", "REWIND", "FORWARD", etc.
- 10    95. **(NEW)** A method as in Claim 47 wherein said personal communication device is responsive to voice commands annunciated by the called party into a microphone connected to a voice command unit within the personal communication device.
- 15    96. **(NEW)** A method as in Claim 95 wherein said personal communication device is further responsive to said voice commands to communicate redial instructions to a communication system with voice recognition or with speech command capability.
- 20    97. **(NEW)** A method as in Claim 96 wherein said personal communication device is further responsive to said voice commands to control operation of functions such as "PLAY", "REWIND", "FORWARD", etc.
- 25    98. **(NEW)** A method as in Claim 48 wherein said personal communication device is responsive to voice commands annunciated by the called party into a microphone connected to a voice command unit within the personal communication device.

- 5     99. **(NEW)** A method as in Claim 98 wherein said personal communication device is further responsive to said voice commands to communicate redial instructions to a communication system with voice recognition or with speech command capability.
- 10    100. **(NEW)** A method as in Claim 99 wherein said personal communication device is further responsive to said voice commands to control operation of functions such as "PLAY", "REWIND", "FORWARD", etc.
- 15    101. **(NEW)** A method as in Claim 49 wherein said personal communication device is responsive to voice commands annunciated by the called party into a microphone connected to a voice command unit within the personal communication device.
- 20    102. **(NEW)** A method as in Claim 101 wherein said personal communication device is further responsive to said voice commands to communicate redial instructions to a communication system with voice recognition or with speech command capability.
- 25    103. **(NEW)** A method as in Claim 102 wherein said personal communication device is further responsive to said voice commands to control operation of functions such as "PLAY", "REWIND", "FORWARD", etc.

- 5     104. **(NEW)** A method as in Claim 50 wherein said personal communication device is responsive to voice commands annunciated by the called party into a microphone connected to a voice command unit within the personal communication device.
- 10    105. **(NEW)** A method as in Claim 104 wherein said personal communication device is further responsive to said voice commands to communicate redial instructions to a communication system with voice recognition or with speech command capability.
- 15    106. **(NEW)** A method as in Claim 105 wherein said personal communication device is further responsive to said voice commands to control operation of functions such as "PLAY", "REWIND", "FORWARD", etc.

- 5 107. **(NEW)** A method of communicating information from a page-originating  
communicant to a page-receiving communicant utilizing a wireless  
information communication system which operates by generating a page  
after receiving a paging request from said page-originating communicant over  
a telephone network, comprising the method steps of:
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- (a) providing a personal communication device identified in said  
wireless information communication system to said page-receiving  
communicant, said personal communication device including:
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- (1) a database recorded in memory with a plurality of  
associated data fields, including a field which is representative of  
telephone numbers; and
- (2) a display member for displaying at least one of (1)  
20 information obtained from said telephone network, and (2) information  
obtained from said plurality of data fields;
- (b) initiating communication between said page-originating  
communicant and said page-receiving communicant utilizing said telephone  
25 network and said wireless information communication system;
- (c) automatically passing caller-identification information from said  
telephone network to said wireless information communication system, said  
caller-identification information including at least data representative of a  
30 telephone number or name associated with a particular telephone unit utilized  
by said page-originating communicant in making said paging request without  
requiring entry by said page-originating communicant of said caller-  
identification information;



5           (d)     utilizing said wireless information communication system to  
transmit said caller-identification information to said personal communication  
device;

          (e)     receiving said transmitted caller-identification information at said  
10   personal communication device;

          (f)     displaying at least one of said received caller-identification  
information and said information obtained from said plurality of data fields in  
said display member of said personal communication device.

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5 108. **(NEW)** A method of communicating information from a page-originating  
communicant to a page-receiving communicant utilizing a wireless  
information communication system which operates by generating a page  
after receiving a paging request from said page-originating communicant over  
a telephone network, comprising the method steps of:

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(a) providing a personal communication device identified in said  
wireless information communication system to said page-receiving  
communicant, said personal communication device including:

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(1) a database recorded in memory with a plurality of  
associated data fields, including a field which is representative of  
telephone numbers;

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(2) a comparator for comparing information obtained from  
said wireless information communication system with at least one  
of said plurality of associated data fields;

(3) a display member for displaying at least one of (1)  
information obtained from said telephone network, and (2)  
information obtained from said plurality of data fields;

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(b) initiating communication between said page-originating  
communicant and said page-receiving communicant utilizing said telephone  
network and said wireless information communication system;

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(c) automatically passing caller-identification information from said  
telephone network to said wireless information communication system, said  
caller-identification information including at least data representative of a  
telephone number or name associated with a particular telephone unit utilized  
by said page-originating communicant in making said paging request without

5 requiring entry by said page-originating communicant of said caller-  
identification information;

(d) allowing input by said page-originating communicant of optional  
data into said wireless information communication system;

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(e) utilizing said wireless information communication system to  
transmit to said personal communication device at least one of (1) said caller-  
identification information and (2) said optional data;

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(f) receiving at least one of (1) said caller-identification information  
and (2) said optional data at said personal communication device;

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(g) comparing at least one of (1) said caller-identification information  
and (2) said optional data received with at least one of said plurality of  
associated data fields of said database recorded in memory of said personal  
communication device; and

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(h) displaying information in said display member resulting from said  
step of comparing.

- 5    109. **(NEW)** A method as in Claim 68 wherein said wireless information communication system is a cellular network and said personal communication device is a cellular device.
110. **(NEW)** A method as in Claim 70 wherein said caller-identification  
10 information received at said personal communication device is at least one of (a) encrypted and (b) encoded.
111. **(NEW)** A method as in Claim 70 wherein said caller-identification information received at said personal communication device is digital data.
- 15    112. **(NEW)** A method as in Claim 70 wherein said caller-identification information is utilized as redial data from said cellular device.
113. **(NEW)** A method as in Claim 68 wherein said caller-identification  
20 information is utilized as redial data from said personal communication device.
114. **(NEW)** A method as in Claim 69 wherein said wireless information communication system is a cellular network and said personal communication device is a cellular device.
- 25    115. **(NEW)** A method as in Claim 76 wherein said caller-identification information received at said personal communication device is at least one of (a) encrypted and (b) encoded.
- 30    116. **(NEW)** A method as in Claim 76 wherein said caller-identification information received at said personal communication device is digital data.

- 5 117. **(NEW)** A method as in Claim 76 wherein said caller-identification information is utilized as redial data from said personal communication device.
118. **(NEW)** A method as in Claim 69 wherein at least one of said caller-identification information and said optional data is utilized as redial data from  
10 said personal communication device.
119. **(NEW)** A method as in Claim 68 wherein said wireless information communication system is a paging system and said personal communication device allows for two-way communication.
- 15 120. **(NEW)** A method as in Claim 69 wherein said wireless information communication system is a paging system and said personal communication device allows for two-way communication.
- 20 121. **(NEW)** A method as in Claim 68 wherein said caller-identification information received includes time and date information.
122. **(NEW)** A method as in Claim 69 wherein said caller-identification information received includes time and date information.
- 25 123. **(NEW)** A method as in Claim 83 wherein said caller-identification information received is stored in memory of said personal communication device in ascending or descending order, based upon time and date information contained in said caller-identification information.

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5 124. **(NEW)** A method as in Claim 84 wherein said caller-identification information received is stored in memory of said personal communication device in ascending or descending order, based upon time and date information contained in said caller-identification information.

10 125. **(NEW)** A method as in Claim 68 wherein said caller-identification information received is stored in memory of said personal communication device based upon information contained in said caller-identification information.

15 126. **(NEW)** A method as in Claim 69 wherein said caller-identification information and said optional data received is stored in memory of said personal communication device based upon information contained in said caller-identification information.

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5 127. **(NEW)** A method as in Claim 69 wherein said caller identification  
information and optional data is stored in memory of said personal  
communication device based upon either (1) the date or time said caller  
identification information was received by said wireless information  
10 was transmitted by said wireless information communication system to said  
personal communication device, or (3) the date or time caller identification  
information was received by said personal communication device.

128. **(NEW)** A method as in Claim 69 wherein said optional data includes at  
15 least one of the following data types:

- (a) numeric data;
- (b) alphanumeric data;
- (c) digitized speech data;
- (d) facsimile messages; and
- 20 (f) images.

129. **(NEW)** A method as in Claim 68 wherein said information displayed  
represents at least one of an alternative call-back number and caller-identifying  
data for said page-originating communicant.

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130. **(NEW)** A method as in Claim 69 wherein said optional data represents at  
least one of an alternative call-back number and caller-identifying data for said  
page-originating communicant.

30 131. **(NEW)** A method as in Claim 68 wherein said personal communication  
device is responsive to voice commands annunciated by the called party into  
a microphone connected to a voice command unit within the personal  
communication device.

- 5    132. **(NEW)** A method as in Claim 69 wherein said caller-identifying  
information and said optional data are compressed prior to transmission to said  
personal communication device.
- 10    133. **(NEW)** A method as in Claim 94 wherein said personal communication  
device is further responsive to said voice commands to communicate redial  
instructions to a communication system with voice recognition or with  
speech command capability.
- 15    134. **(NEW)** A method as in Claim 75 wherein said caller-identifying  
information and said optional data are compressed prior to transmission to said  
personal communication device.
- 20    135. **(NEW)** A method as in Claim 68 wherein said caller-identification  
information received at said personal communication device is at least one of  
(a) encrypted and (b) encoded.
- 25    136. **(NEW)** A method as in Claim 68 wherein said caller-identification  
information received at said personal communication device is digital data.
- 30    137. **(NEW)** A method as in Claim 69 wherein said caller-identification  
information and said optional data received at said personal communication  
device are at least one of (a) encrypted and (b) encoded.
138. **(NEW)** A method as in Claim 68 wherein said caller-identification  
information received is stored in memory of said personal communication  
device in ascending or descending order, based upon the contents of said  
caller-identification information received.



- 5     139. **(NEW)** A method as in Claim 69 wherein said caller-identification information or said optional data received is stored in memory of said personal communication device in ascending or descending order, based upon the contents of said caller-identification information or said optional data received.
- 10    140. **(NEW)** A method as in Claim 70 wherein said caller-identification information received is stored in memory of said personal communication device in ascending or descending order, based upon the contents of said caller-identification information.
- 15    141. **(NEW)** A method as in Claim 75 wherein said caller-identification information and said optional data received is stored in memory of said personal communication device based upon the contents of at least one of said caller-identification information and optional data received.

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- 5    142. **(NEW)** A method as in Claim 68 wherein said caller-identification information received is stored in memory of said personal communication device based upon the presence of an urgent indicator received from said wireless information communication system.
- 10   143. **(NEW)** A method as in Claim 69 wherein said caller-identification information and said optional data received is stored in memory of said personal communication based upon the presence of an urgent indicator received from said wireless information communication system.
- 15   144. **(NEW)** A method as in Claim 70 wherein said caller-identification information received is stored in memory of said personal communication device based upon the presence of an urgent indicator received from said cellular network.
- 20   145. **(NEW)** A method as in Claim 75 wherein said caller-identification information and said optional data received is stored in memory of said personal communication device based upon the presence of an urgent indicator received from said cellular network.
- 25   146. **(NEW)** A method as in Claim 70 wherein said cellular device is responsive to voice commands annunciated by the called party into a microphone connected to a voice command unit within the cellular device.

5     147. **(NEW)** A method as in Claim 108 wherein said cellular device is further responsive to said voice commands to communicate redial instructions to a communication system with voice recognition or with speech command capability.

10    148. **(NEW)** A method as in Claim 109 wherein said personal communication device is further responsive to said voice commands to control operation of functions such as "PLAY", "REWIND", FORWARD", etc.

15    149. **(NEW)** A method as in Claim 71 wherein said personal communication device is responsive to voice commands annunciated by the called party into a microphone connected to a voice command unit within the personal communication device.

20    150. **(NEW)** A method as in Claim 111 wherein said personal communication device is further responsive to said voice commands to communicate redial instructions to a communication system with voice recognition or with speech command capability.

25    151. **(NEW)** A method as in Claim 112 wherein said personal communication device is further responsive to said voice commands to control operation of functions such as "PLAY", "REWIND", FORWARD", etc.

5     152. **(NEW)** A method as in Claim 72 wherein said personal communication device is responsive to voice commands annunciated by the called party into a microphone connected to a voice command unit within the personal communication device.

10    153. **(NEW)** A method as in Claim 114 wherein said personal communication device is further responsive to said voice commands to communicate redial instructions to a communication system with voice recognition or with speech command capability.

15    154. **(NEW)** A method as in Claim 115 wherein said personal communication device is further responsive to said voice commands to control operation of functions such as "PLAY", "REWIND", "FORWARD", etc.

20    155. **(NEW)** A method as in Claim 73 wherein said personal communication device is responsive to voice commands annunciated by the called party into a microphone connected to a voice command unit within the personal communication device.

25    156. **(NEW)** A method as in Claim 117 wherein said personal communication device is further responsive to said voice commands to communicate redial instructions to a communication system with voice recognition or with speech command capability.

5 157. **(NEW)** A method as in Claim 118 wherein said personal communication device is further responsive to said voice commands to control operation of functions such as "PLAY", "REWIND", FORWARD", etc.

10 158. **(NEW)** A method as in Claim 74 wherein said personal communication device is responsive to voice commands annunciated by the called party into a microphone connected to a voice command unit within the personal communication device.

15 159. **(NEW)** A method as in Claim 120 wherein said personal communication device is further responsive to said voice commands to communicate redial instructions to a communication system with voice recognition or with speech command capability.

20 160. **(NEW)** A method as in Claim 121 wherein said personal communication device is further responsive to said voice commands to control operation of functions such as "PLAY", "REWIND", FORWARD", etc.

25 161. **(NEW)** A method as in Claim 75 wherein said personal communication device is responsive to voice commands annunciated by the called party into a microphone connected to a voice command unit within the personal communication device.

5 162. **(NEW)** A method as in Claim 123 wherein said personal communication device is further responsive to said voice commands to communicate redial instructions to a communication system with voice recognition or with speech command capability.

10 163. **(NEW)** A method as in Claim 124 wherein said personal communication device is further responsive to said voice commands to control operation of functions such as "PLAY", "REWIND", FORWARD", etc.

15 164. **(NEW)** A method as in Claim 76 wherein said personal communication device is responsive to voice commands annunciated by the called party into a microphone connected to a voice command unit within the personal communication device.

20 165. **(NEW)** A method as in Claim 126 wherein said personal communication device is further responsive to said voice commands to communicate redial instructions to a communication system with voice recognition or with speech command capability.

25 166. **(NEW)** A method as in Claim 127 wherein said personal communication device is further responsive to said voice commands to control operation of functions such as "PLAY", "REWIND", FORWARD", etc.

5    167. **(NEW)** A method as in Claim 77 wherein said personal communication device is responsive to voice commands annunciated by the called party into a microphone connected to a voice command unit within the personal communication device.

10   168. **(NEW)** A method as in Claim 129 wherein said personal communication device is further responsive to said voice commands to communicate redial instructions to a communication system with voice recognition or with speech command capability.

15   169. **(NEW)** A method as in Claim 130 wherein said personal communication device is further responsive to said voice commands to control operation of functions such as "PLAY", "REWIND", FORWARD", etc.

20   170. **(NEW)** A method as in Claim 78 wherein said personal communication device is responsive to voice commands annunciated by the called party into a microphone connected to a voice command unit within the personal communication device.

25   171. **(NEW)** A method as in Claim 132 wherein said personal communication device is further responsive to said voice commands to communicate redial instructions to a communication system with voice recognition or with speech command capability.

- 5    172. **(NEW)** A method as in Claim 133 wherein said personal communication device is further responsive to said voice commands to control operation of functions such as "PLAY", "REWIND", FORWARD", etc.



5 173. (NEW) A method of communicating information from a page-originating  
communicant to a page-receiving communicant utilizing a wireless  
information communication system which operates by generating a page  
after receiving a paging request from said page-originating communicant over  
a telephone network, comprising the method steps of:

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(a) providing a personal communication device identified in said  
wireless information communication system to said page-receiving  
communicant, said personal communication device including:

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(1) a database recorded in memory with a plurality of  
associated data fields, including a field which is representative of telephone  
numbers;

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(2) a comparator for comparing information obtained from  
said wireless information communication system with at least one of said  
plurality of associated data fields;

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(3) a display member for displaying at least one of (1)  
information obtained from said telephone network, and (2) information  
obtained from said plurality of data fields;

30

(b) initiating communication between said page-originating  
communicant and said page-receiving communicant utilizing said telephone  
network and said wireless information communication system;

(c) automatically passing caller-identification information from said  
telephone network to said wireless information communication system, said  
caller-identification information including at least data representative of a

- 5 telephone number or name associated with a particular telephone unit utilized by said page-originating communicant in making said paging request without requiring entry by said page-originating communicant of said caller-identification information;
- 10 (d) utilizing said wireless information communication system to transmit to said personal communication device said caller-identification information;
- (e) receiving at said caller-identification information at said personal  
15 communication device;
- (f) comparing said caller-identification information with at least one of said plurality of associated data fields of said database recorded in memory of said personal communication device; and
- 20 (g) displaying information in said display member resulting from said step of comparing.

5    174. **(NEW)** A method according to Claim 24, wherein said wireless communication system utilizes at least one of the following for wireless communication:

          (1) a radio frequency communication link;

10           (2) a cellular communication link;

          (3) a paging service communication link.

          175. **(NEW)** A method according to Claim 40, wherein said wireless communication system utilizes at least one of the following for wireless  
15    communication:

          (1) a radio frequency communication link;

          (2) a cellular communication link;

          (3) a paging service communication link.

20

5 176. **(NEW)** A method according to Claim 41, wherein said wireless communication system utilizes at least one of the following for wireless communication:

(1) a radio frequency communication link;

10 (2) a cellular communication link;

(3) a paging service communication link.

177. **(NEW)** A method according to Claim 107, wherein said wireless communication system utilizes at least one of the following for wireless communication:

15 (1) a radio frequency communication link;

(2) a cellular communication link;

(3) a paging service communication link.

5 178. **(NEW)** A method according to Claim 108, wherein said wireless communication system utilizes at least one of the following for wireless communication:

(1) a radio frequency communication link;

10 (2) a cellular communication link;

(3) a paging service communication link.

179. **(NEW)** A method according to Claim 173, wherein said wireless communication system utilizes at least one of the following for wireless  
15 communication:

(1) a radio frequency communication link;

(2) a cellular communication link;

(3) a paging service communication link.

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5 180. **(NEW)** A method according to Claim 25, wherein said wireless communication system utilizes at least one of the following for wireless communication:

(1) a radio frequency communication link;

10 (2) a cellular communication link;

(3) a paging service communication link.

181. **(NEW)** A method according to Claim 26, wherein said wireless communication system utilizes at least one of the following for wireless  
15 communication:

(1) a radio frequency communication link;

(2) a cellular communication link;

(3) a paging service communication link.

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5 182. **(NEW)** A method according to Claim 27, wherein said wireless communication system utilizes at least one of the following for wireless communication:

(1) a radio frequency communication link;

10 (2) a cellular communication link;

(3) a paging service communication link.

183. **(NEW)** A method according to Claim 28, wherein said wireless communication system utilizes at least one of the following for wireless  
15 communication:

(1) a radio frequency communication link;

(2) a cellular communication link;

(3) a paging service communication link.

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5 184. **(NEW)** A method according to Claim 29, wherein said wireless communication system utilizes at least one of the following for wireless communication:

(1) a radio frequency communication link;

10 (2) a cellular communication link;

(3) a paging service communication link.

185. **(NEW)** A method according to Claim 43, wherein said wireless communication system utilizes at least one of the following for wireless  
15 communication:

(1) a radio frequency communication link;

(2) a cellular communication link;

(3) a paging service communication link.

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5    186. **(NEW)** A method according to claim 40, wherein said optional data comprises at least one of the following:

(1) a short message;

(2) textual information;

(3) digitized voice or audio information;

10    (4) digitized image information;

(5) telephone number information;

(6) message code information.

15    187. **(NEW)** A method according to claim 41, wherein said optional data comprises at least one of the following:

(1) a short message;

(2) textual information;

(3) digitized voice or audio information;

(4) digitized image information;

20    (5) telephone number information;

(6) message code information.

5    188. **(NEW)** A method according to claim 42, wherein said optional data comprises at least one of the following:

(1) a short message;

(2) textual information;

(3) digitized voice or audio information;

10    (4) digitized image information;

(5) telephone number information;

(6) message code information.

15    189. **(NEW)** A method according to claim 43, wherein said optional data comprises at least one of the following:

(1) a short message;

(2) textual information;

(3) digitized voice or audio information;

(4) digitized image information;

20    (5) telephone number information;

(6) message code information.

5    190. **(NEW)** A method according to claim 44, wherein said optional data comprises at least one of the following:

(1) a short message;

(2) textual information;

(3) digitized voice or audio information;

10    (4) digitized image information;

(5) telephone number information;

(6) message code information.

15    191. **(NEW)** A method according to claim 108, wherein said optional data comprises at least one of the following:

(1) a short message;

(2) textual information;

(3) digitized voice or audio information;

(4) digitized image information;

20    (5) telephone number information;

(6) message code information.

5 192. **(NEW)** A method according to claim 40 wherein said personal communication device communicates with another device, which maintains a database, over a communication link which may be selectively and releasably coupled to one another over at least one of the following:

(1) a serial line;

10 (2) a parallel line;

(3) an infrared link;

(4) a radio frequency link;

(5) a PCMCIA interface;

(6) a remote telephone input;

15 (7) a data card.

5    193. **(NEW)** A method according to claim 41 wherein said personal communication device communicates with another device, which maintains a database, over a communication link which may be selectively and releasably coupled to one another over at least one of the following:

(1) a serial line;

10    (2) a parallel line;

(3) an infrared link;

(4) a radio frequency link;

(5) a PCMCIA interface;

(6) a remote telephone input;

15    (7) a data card.

5 194. **(NEW)** A method according to claim 42 wherein said personal communication device communicates with another device, which maintains a database, over a communication link which may be selectively and releasably coupled to one another over at least one of the following:

(1) a serial line;

10 (2) a parallel line;

(3) an infrared link;

(4) a radio frequency link;

(5) a PCMCIA interface;

(6) a remote telephone input;

15 (7) a data card.

5    195. **(NEW)** A method according to claim 43 wherein said personal communication device communicates with another device, which maintains a database, over a communication link which may be selectively and releasably coupled to one another over at least one of the following:

(1) a serial line;

10    (2) a parallel line;

(3) an infrared link;

(4) a radio frequency link;

(5) a PCMCIA interface;

(6) a remote telephone input;

15    (7) a data card.

- 5 196. **(NEW)** A method according to claim 44 wherein said personal communication device communicates with another device, which maintains a database, over a communication link which may be selectively and releasably coupled to one another over at least one of the following:
- (1) a serial line;
- 10 (2) a parallel line;
- (3) an infrared link;
- (4) a radio frequency link;
- (5) a PCMCIA interface;
- (6) a remote telephone input;
- 15 (7) a data card.



5 197. **(NEW)** A method according to claim 47 wherein said personal communication device communicates with another device, which maintains a database, over a communication link which may be selectively and releasably coupled to one another over at least one of the following:

(1) a serial line;

10 (2) a parallel line;

(3) an infrared link;

(4) a radio frequency link;

(5) a PCMCIA interface;

(6) a remote telephone input;

15 (7) a data card.

5    198. **(NEW)** A method according to claim 48 wherein said personal communication device communicates with another device, which maintains a database, over a communication link which may be selectively and releasably coupled to one another over at least one of the following:

(1) a serial line;

10    (2) a parallel line;

(3) an infrared link;

(4) a radio frequency link;

(5) a PCMCIA interface;

(6) a remote telephone input;

15    (7) a data card.

5 199. **(NEW)** A method according to claim 49 wherein said personal communication device communicates with another device, which maintains a database, over a communication link which may be selectively and releasably coupled to one another over at least one of the following:

(1) a serial line;

10 (2) a parallel line;

(3) an infrared link;

(4) a radio frequency link;

(5) a PCMCIA interface;

(6) a remote telephone input;

15 (7) a data card.

5    200. **(NEW)** A method according to claim 107 wherein said personal communication device communicates with another device, which maintains a database, over a communication link which may be selectively and releasably coupled to one another over at least one of the following:

(1) a serial line;

10    (2) a parallel line;

(3) an infrared link;

(4) a radio frequency link;

(5) a PCMCIA interface;

(6) a remote telephone input;

15    (7) a data card.

5 201. **(NEW)** A method according to claim 108 wherein said personal communication device communicates with another device, which maintains a database, over a communication link which may be selectively and releasably coupled to one another over at least one of the following:

(1) a serial line;

10 (2) a parallel line;

(3) an infrared link;

(4) a radio frequency link;

(5) a PCMCIA interface;

(6) a remote telephone input;

15 (7) a data card.

- 5    202. **(NEW)** A method according to claim 173 wherein said personal communication device communicates with another device, which maintains a database, over a communication link which may be selectively and releasably coupled to one another over at least one of the following:
- (1) a serial line;
- 10    (2) a parallel line;
- (3) an infrared link;
- (4) a radio frequency link;
- (5) a PCMCIA interface;
- (6) a remote telephone input;
- 15    (7) a data card.

- 5     203 **(NEW)** A method according to claim 192, wherein said another device comprises at least one of:
- (1) a personal computer;
  - (2) a computing device;
  - (3) a detachable input interface;
- 10    (4) a keyboard.

204. **(NEW)** A method according to claim 193, wherein said another device comprises at least one of:
- (1) a personal computer;
- 15    (2) a computing device;
- (3) a detachable input interface;
  - (4) a keyboard.

5     205. **(NEW)** A method according to claim 194, wherein said another device comprises at least one of:

(1) a personal computer;

(2) a computing device;

(3) a detachable input interface;

10    (4) a keyboard.

206. **(NEW)** A method according to claim 195, wherein said another device comprises at least one of:

(1) a personal computer;

15    (2) a computing device;

(3) a detachable input interface;

(4) a keyboard.



- 5     207. **(NEW)** A method according to claim 196, wherein said another device comprises at least one of:
- (1) a personal computer;
  - (2) a computing device;
  - (3) a detachable input interface;
  - 10   (4) a keyboard.

208. **(NEW)** A method according to claim 197, wherein said another device comprises at least one of:
- (1) a personal computer;
  - 15   (2) a computing device;
  - (3) a detachable input interface;
  - (4) a keyboard.

5     209. **(NEW)** A method according to claim 198, wherein said another device comprises at least one of:

(1) a personal computer;

(2) a computing device;

(3) a detachable input interface;

10    (4) a keyboard.

210. **(NEW)** A method according to claim 199, wherein said another device comprises at least one of:

(1) a personal computer;

15    (2) a computing device;

(3) a detachable input interface;

(4) a keyboard.

5     211. **(NEW)** A method according to claim 200, wherein said another device comprises at least one of:

(1) a personal computer;

(2) a computing device;

(3) a detachable input interface;

10    (4) a keyboard.

212. **(NEW)** A method according to claim 201, wherein said another device comprises at least one of:

(1) a personal computer;

15    (2) a computing device;

(3) a detachable input interface;

(4) a keyboard.

5     213. **(NEW)** A method according to claim 173, wherein said another device comprises at least one of:

(1) a personal computer;

(2) a computing device;

(3) a detachable input interface;

10    (4) a keyboard.

5 214. **(NEW)** A method according to claim 192 wherein said personal communication device and said another device interact to perform at least one of the following:

(1) refresh data;

(2) transfer data;

10 (3) download data;

(4) exchange data;

(5) dump data;

(6) communicate data between said devices;

(7) intermittently transfer data between said devices;

15 (8) intermittently download data between said devices;

(9) create, supplement, or modify data.

- 5 215. **(NEW)** A method according to claim 193 wherein said personal communication device and said another device interact to perform at least one of the following:
- (1) refresh data;
  - (2) transfer data;
  - 10 (3) download data;
  - (4) exchange data;
  - (5) dump data;
  - (6) communicate data between said devices;
  - (7) intermittently transfer data between said devices;
  - 15 (8) intermittently download data between said devices;
  - (9) create, supplement, or modify data.

5 216. **(NEW)** A method according to claim 194 wherein said personal communication device and said another device interact to perform at least one of the following:

(1) refresh data;

(2) transfer data;

10 (3) download data;

(4) exchange data;

(5) dump data;

(6) communicate data between said devices;

(7) intermittently transfer data between said devices;

15 (8) intermittently download data between said devices;

(9) create, supplement, or modify data.

5 217. (NEW) A method according to claim 195 wherein said personal communication device and said another device interact to perform at least one of the following:

(1) refresh data;

(2) transfer data;

10 (3) download data;

(4) exchange data;

(5) dump data;

(6) communicate data between said devices;

(7) intermittently transfer data between said devices;

15 (8) intermittently download data between said devices;

(9) create, supplement, or modify data.



5 218. **(NEW)** A method according to claim 196 wherein said personal communication device and said another device interact to perform at least one of the following:

(1) refresh data;

(2) transfer data;

10 (3) download data;

(4) exchange data;

(5) dump data;

(6) communicate data between said devices;

(7) intermittently transfer data between said devices;

15 (8) intermittently download data between said devices;

(9) create, supplement, or modify data.

- 5 219. **(NEW)** A method according to claim 197 wherein said personal communication device and said another device interact to perform at least one of the following:
- (1) refresh data;
  - (2) transfer data;
  - 10 (3) download data;
  - (4) exchange data;
  - (5) dump data;
  - (6) communicate data between said devices;
  - (7) intermittently transfer data between said devices;
  - 15 (8) intermittently download data between said devices;
  - (9) create, supplement, or modify data.

- 5    220. **(NEW)** A method according to claim 198 wherein said personal communication device and said another device interact to perform at least one of the following:
- (1) refresh data;
- (2) transfer data;
- 10    (3) download data;
- (4) exchange data;
- (5) dump data;
- (6) communicate data between said devices;
- (7) intermittently transfer data between said devices;
- 15    (8) intermittently download data between said devices;
- (9) create, supplement, or modify data.

- 5 221. **(NEW)** A method according to claim 199 wherein said personal communication device and said another device interact to perform at least one of the following:
- (1) refresh data;
  - (2) transfer data;
  - 10 (3) download data;
  - (4) exchange data;
  - (5) dump data;
  - (6) communicate data between said devices;
  - (7) intermittently transfer data between said devices;
  - 15 (8) intermittently download data between said devices;
  - (9) create, supplement, or modify data.

5    222. **(NEW)** A method according to claim 200 wherein said personal communication device and said another device interact to perform at least one of the following:

(1) refresh data;

(2) transfer data;

10    (3) download data;

(4) exchange data;

(5) dump data;

(6) communicate data between said devices;

(7) intermittently transfer data between said devices;

15    (8) intermittently download data between said devices;

(9) create, supplement, or modify data.

- 5 223. **(NEW)** A method according to claim 201 wherein said personal communication device and said another device interact to perform at least one of the following:
- (1) refresh data;
  - (2) transfer data;
  - 10 (3) download data;
  - (4) exchange data;
  - (5) dump data;
  - (6) communicate data between said devices;
  - (7) intermittently transfer data between said devices;
  - 15 (8) intermittently download data between said devices;
  - (9) create, supplement, or modify data.

5 224. (NEW) A method according to claim 202 wherein said personal communication device and said another device interact to perform at least one of the following:

(1) refresh data;

(2) transfer data;

10 (3) download data;

(4) exchange data;

(5) dump data;

(6) communicate data between said devices;

(7) intermittently transfer data between said devices;

15 (8) intermittently download data between said devices;

(9) create, supplement, or modify data.

5     225. **(NEW)** A method according to claim 40 wherein said database includes data which comprises at least one of:

(1) telephone number data;

(2) fax number data;

(3) name data;

10    (4) address data;

(5) notification type data;

(6) intensity field data;

(7) communicant's telephone number data;

(8) visual indication data;

15    (9) digitized image data;

(10) digitized audio data;

(11) digitized voice information.



5     226. **(NEW)** A method according to claim 40, further comprising;

utilizing an automated checking routine to formulate a textual or voice query to communicate to said page-originating communicant at least one of the telephone number and/or the entity identity contained in said caller-identification information.

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227. **(NEW)** A method according to claim 41, further comprising;

utilizing an automated checking routine to formulate a textual or voice query to communicate to said page-originating communicant at least one of the telephone number and/or the entity identity contained in said caller-  
15 identification information.

228. **(NEW)** A method according to claim 107, further comprising;

utilizing an automated checking routine to formulate a textual or voice query to communicate to said page-originating communicant at least one of  
20 the telephone number and/or the entity identity contained in said caller-identification information.

5     229. **(NEW)** A method according to claim 108, further comprising;

utilizing an automated checking routine to formulate a textual or voice query to communicate to said page-originating communicant at least one of the telephone number and/or the entity identity contained in said caller-identification information.

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230. **(NEW)** A method according to claim 173, further comprising;

utilizing an automated checking routine to formulate a textual or voice query to communicate to said page-originating communicant at least one of the telephone number and/or the entity identity contained in said caller-  
15 identification information.

231. **(NEW)** A system according to claim 24, further comprising;

utilizing an automated checking routine to formulate a textual or voice query to communicate to said page-originating communicant at least one of  
20 the telephone number and/or the entity identity contained in said caller-identification information.

5     232. **(NEW)** A method according to claim 19, further comprising;

utilizing an automated checking routine to formulate a textual or voice query to communicate to said page-originating communicant at least one of the telephone number and/or the entity identity contained in said caller-identification information.

10

233. **(NEW)** A method according to claim 20, further comprising;

utilizing an automated checking routine to formulate a textual or voice query to communicate to said page-originating communicant at least one of the telephone number and/or the entity identity contained in said caller-  
15 identification information.

234. **(NEW)** A method according to claim 21, further comprising;

utilizing an automated checking routine to formulate a textual or voice query to communicate to said page-originating communicant at least one of  
20 the telephone number and/or the entity identity contained in said caller-identification information.

5     235. **(NEW)** A method according to claim 22, further comprising;

utilizing an automated checking routine to formulate a textual or voice query to communicate to said page-originating communicant at least one of the telephone number and/or the entity identity contained in said caller-identification information.

10

236. **(NEW)** A method according to claim 23, further comprising;

utilizing an automated checking routine to formulate a textual or voice query to communicate to said page-originating communicant at least one of the telephone number and/or the entity identity contained in said caller-identification information.

15

237. **(NEW)** A method according to claim 226, wherein said automated checking routine further includes prompting said page-originating communicant for confirmation that said caller-identification information displayed or annunciated is correct.

20

238. **(NEW)** A method according to claim 227, wherein said automated checking routine further includes prompting said page-originating communicant for confirmation that said caller-identification information displayed or annunciated is correct.

25

5    239. **(NEW)** A method according to claim 228, wherein said automated checking routine further includes prompting said page-originating communicant for confirmation that said caller-identification information displayed or annunciated is correct.

10   240. **(NEW)** A method according to claim 229, wherein said automated checking routine further includes prompting said page-originating communicant for confirmation that said caller-identification information displayed or annunciated is correct.

15   241. **(NEW)** A method according to claim 230, wherein said automated checking routine further includes prompting said page-originating communicant for confirmation that said caller-identification information displayed or annunciated is correct.

20   242. **(NEW)** A system according to claim 231, wherein said automated checking routine further includes prompting said page-originating communicant for confirmation that said caller-identification information displayed or annunciated is correct.

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5    243. **(NEW)** A method according to claim 232, wherein said automated checking routine further includes prompting said page-originating communicant for confirmation that said caller-identification information displayed or annunciated is correct.

10   244. **(NEW)** A method according to claim 233, wherein said automated checking routine further includes prompting said page-originating communicant for confirmation that said caller-identification information displayed or annunciated is correct.

15   245. **(NEW)** A method according to claim 234, wherein said automated checking routine further includes prompting said page-originating communicant for confirmation that said caller-identification information displayed or annunciated is correct.

20   246. **(NEW)** A method according to claim 235, wherein said automated checking routine further includes prompting said page-originating communicant for confirmation that said caller-identification information displayed or annunciated is correct.

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5    247. **(NEW)** A method according to claim 236, wherein said automated checking routine further includes prompting said page-originating communicant for confirmation that said caller-identification information displayed or annunciated is correct.

10    248. **(NEW)** A method according to claim 237 wherein said confirmation is the depression of a specific telephone keypad key.

249. **(NEW)** A method according to claim 238 wherein said confirmation is the depression of a specific telephone keypad key.

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250. **(NEW)** A method according to claim 239 wherein said confirmation is the depression of a specific telephone keypad key.

20    251. **(NEW)** A method according to claim 240 wherein said confirmation is the depression of a specific telephone keypad key.

252. **(NEW)** A method according to claim 241 wherein said confirmation is the depression of a specific telephone keypad key.

5    253. **(NEW)** A system according to claim 242 wherein said confirmation is the depression of a specific telephone keypad key.

254. **(NEW)** A method according to claim 243 wherein said confirmation is the depression of a specific telephone keypad key.

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255. **(NEW)** A method according to claim 244 wherein said confirmation is the depression of a specific telephone keypad key.

15    256. **(NEW)** A method according to claim 245 wherein said confirmation is the depression of a specific telephone keypad key.

257. **(NEW)** A method according to claim 246 wherein said confirmation is the depression of a specific telephone keypad key.

20    258. **(NEW)** A method according to claim 247 wherein said confirmation is the depression of a specific telephone keypad key.



- 5    259. **(NEW)** A method according to claim 226 wherein said automated checking routine includes prompting said page-originating communicant for confirmation that said caller-identification information displayed or annunciated is incorrect.
- 10   260. **(NEW)** A method according to claim 227 wherein said automated checking routine includes prompting said page-originating communicant for confirmation that said caller-identification information displayed or annunciated is incorrect.
- 15   261. **(NEW)** A method according to claim 228 wherein said automated checking routine includes prompting said page-originating communicant for confirmation that said caller-identification information displayed or annunciated is incorrect.
- 20   262. **(NEW)** A method according to claim 229 wherein said automated checking routine includes prompting said page-originating communicant for confirmation that said caller-identification information displayed or annunciated is incorrect.

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5    263. **(NEW)** A method according to claim 230 wherein said automated checking routine includes prompting said page-originating communicant for confirmation that said caller-identification information displayed or annunciated is incorrect.

10   264. **(NEW)** A system according to claim 231 wherein said automated checking routine includes prompting said page-originating communicant for confirmation that said caller-identification information displayed or annunciated is incorrect.

15   265. **(NEW)** A method according to claim 232 wherein said automated checking routine includes prompting said page-originating communicant for confirmation that said caller-identification information displayed or annunciated is incorrect.

20   266. **(NEW)** A method according to claim 233 wherein said automated checking routine includes prompting said page-originating communicant for confirmation that said caller-identification information displayed or annunciated is incorrect.

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- 5    267. **(NEW)** A method according to claim 234 wherein said automated checking routine includes prompting said page-originating communicant for confirmation that said caller-identification information displayed or annunciated is incorrect.
- 10   268. **(NEW)** A method according to claim 235 wherein said automated checking routine includes prompting said page-originating communicant for confirmation that said caller-identification information displayed or annunciated is incorrect.
- 15   269. **(NEW)** A method according to claim 236 wherein said automated checking routine includes prompting said page-originating communicant for confirmation that said caller-identification information displayed or annunciated is incorrect.
- 20   270. **(NEW)** A method according to claim 255 wherein said confirmation is the depression of a specific telephone keypad key.
271. **(NEW)** A method according to claim 256 wherein said confirmation is the depression of a specific telephone keypad key.

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5     272. **(NEW)** A method according to claim 257 wherein said confirmation is  
the depression of a specific telephone keypad key.

273. **(NEW)** A method according to claim 258 wherein said confirmation is  
the depression of a specific telephone keypad key.

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274. **(NEW)** A method according to claim 259 wherein said confirmation is  
the depression of a specific telephone keypad key.

15     275. **(NEW)** A method according to claim 260 wherein said confirmation is  
the depression of a specific telephone keypad key.

276. **(NEW)** A method according to claim 261 wherein said confirmation is  
the depression of a specific telephone keypad key.

20     277. **(NEW)** A method according to claim 262 wherein said confirmation is  
the depression of a specific telephone keypad key.

278. **(NEW)** A method according to claim 263 wherein said confirmation is  
the depression of a specific telephone keypad key.

5    279. **(NEW)** A system according to claim 264 wherein said confirmation is the depression of a specific telephone keypad key.

280. **(NEW)** A method according to claim 265 wherein said confirmation is the depression of a specific telephone keypad key.

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281. **(NEW)** A method according to claim 266 wherein upon receipt of said confirmation from said page-originating communicant that said caller-identification information displayed or annunciated is incorrect, allowing the entry of corrected telephone number information.

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282. **(NEW)** A method according to claim 267 wherein upon receipt of said confirmation from said page-originating communicant that said caller-identification information displayed or annunciated is incorrect, allowing the entry of corrected telephone number information.

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283. **(NEW)** A method according to claim 268 wherein upon receipt of said confirmation from said page-originating communicant that said caller-identification information displayed or annunciated is incorrect, allowing the entry of corrected telephone number information.

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5     284. **(NEW)** A method according to claim 259 wherein upon receipt of said confirmation from said page-originating communicant that said caller-identification information displayed or annunciated is incorrect, allowing the entry of corrected telephone number information.

10    285. **(NEW)** A method according to claim 260 wherein upon receipt of said confirmation from said page-originating communicant that said caller-identification information displayed or annunciated is incorrect, allowing the entry of corrected telephone number information.

15    286. **(NEW)** A method according to claim 261 wherein upon receipt of said confirmation from said page-originating communicant that said caller-identification information displayed or annunciated is incorrect, allowing the entry of corrected telephone number information.

20    287. **(NEW)** A method according to claim 262 wherein upon receipt of said confirmation from said page-originating communicant that said caller-identification information displayed or annunciated is incorrect, allowing the entry of corrected telephone number information.

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5     288. **(NEW)** A method according to claim 263 wherein upon receipt of said confirmation from said page-originating communicant that said caller-identification information displayed or annunciated is incorrect, allowing the entry of corrected telephone number information.

10    289. **(NEW)** A system according to claim 264 wherein upon receipt of said confirmation from said message-originating communicant that said caller-identification information displayed or annunciated is incorrect, allowing the entry of corrected telephone number information.

15    290. **(NEW)** A method according to claim 265 wherein upon receipt of said confirmation from said page-originating communicant that said caller-identification information displayed or annunciated is incorrect, allowing the entry of corrected telephone number information.

20    291. **(NEW)** A method according to claim 266 wherein upon receipt of said confirmation from said page-originating communicant that said caller-identification information displayed or annunciated is incorrect, allowing the entry of corrected telephone number information.

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5 292. **(NEW)** A method according to claim 237 wherein said caller identification information is transmitted upon receipt of said confirmation from said page-originating communicant that said caller-identification information displayed or annunciated is correct.

10 293. **(NEW)** A method according to claim 238 wherein said caller identification information is transmitted upon receipt of said confirmation from said page-originating communicant that said caller-identification information displayed or annunciated is correct.

15 294. **(NEW)** A method according to claim 239 wherein said caller identification information is transmitted upon receipt of said confirmation from said page-originating communicant that said caller-identification information displayed or annunciated is correct.

20 295. **(NEW)** A method according to claim 240 wherein said caller identification information is transmitted upon receipt of said confirmation from said page-originating communicant that said caller-identification information displayed or annunciated is correct.

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5    296. **(NEW)** A method according to claim 241 wherein said caller identification information is transmitted by said transmitter upon receipt of said confirmation from said page-originating communicant that said caller-identification information displayed or annunciated is correct.

10   297. **(NEW)** A system according to claim 242 wherein said caller identification information is transmitted by said transmitter upon receipt of said confirmation from said page-originating communicant that said caller-identification information displayed or annunciated is correct.

15   298. **(NEW)** A method according to claim 243 wherein said caller identification information is transmitted upon receipt of said confirmation from said message-originating communicant that said caller-identification information displayed or annunciated is correct.

20   299. **(NEW)** A method according to claim 244 wherein said caller identification information is transmitted upon receipt of said confirmation from said page-originating communicant that said caller-identification information displayed or annunciated is correct.

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- 5    300. **(NEW)** A method according to claim 245 wherein said caller identification information is transmitted upon receipt of said confirmation from said page-originating communicant that said caller-identification information displayed or annunciated is correct.
- 10   301. **(NEW)** A method according to claim 246 wherein said caller identification information is transmitted upon receipt of said confirmation from said page-originating communicant that said caller-identification information displayed or annunciated is correct.
- 15   302. **(NEW)** A method according to claim 247 wherein said caller identification information is transmitted upon receipt of said confirmation from said page-originating communicant that said caller-identification information displayed or annunciated is correct.
- 20   303. **(NEW)** A method according to claim 19 wherein said caller identification information is transmitted upon detection that said page-originating communicant has hung-up from said telephone network.
- 25   304. **(NEW)** A method according to claim 40 wherein said caller identification information is transmitted upon detection that said page-originating communicant has hung-up from said telephone network.

5     305. **(NEW)** A system according to claim 24 wherein said caller identification information is transmitted by said transmitter upon detection that said page-originating communicant has hung-up from said telephone line.

10     306. **(NEW)** A method according to claim 41 wherein said caller identification information is transmitted upon detection that said page-originating communicant has hung-up from said telephone network.

15     307. **(NEW)** A method according to claim 107 wherein said caller identification information is transmitted upon detection that said page-originating communicant has hung-up from said telephone network.

308. **(NEW)** A method according to claim 40 wherein said caller identification information is transmitted upon detection that said page-originating communicant has hung-up from said telephone network.

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309. **(NEW)** A method according to claim 108 wherein said caller identification information is transmitted upon detection that said page-originating communicant has hung-up from said telephone network.

5 310. **(NEW)** A method according to claim 173 wherein said caller  
identification information is transmitted upon detection that said page-  
originating communicant has hung-up from said telephone network.

311. **(NEW)** A system according to claim 29 wherein said caller identification  
10 information is transmitted by said transmitter upon detection that said page-  
originating communicant has hung-up from said telephone line.

312. **(NEW)** A method according to claim 42 wherein said caller  
identification information is transmitted upon detection that said page-  
15 originating communicant has hung-up from said telephone network.

313. **(NEW)** A method according to claim 47 wherein said caller  
identification information is transmitted upon detection that said page-  
originating communicant has hung-up from said telephone network.

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314. **(NEW)** A method according to claim 281 wherein said corrected  
telephone number information is transmitted upon detection that said page-  
originating communicant has entered said corrected telephone number  
information.

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5 315. **(NEW)** A method according to claim 282 wherein said corrected telephone number information is transmitted upon detection that said page-originating communicant has entered said corrected telephone number information.

10 316. **(NEW)** A method according to claim 283 wherein said corrected telephone number information is transmitted upon detection that said page-originating communicant has entered said corrected telephone number information.

15 317. **(NEW)** A method according to claim 284 wherein said corrected telephone number information is transmitted upon detection that said page-originating communicant has entered said corrected telephone number information.

20 318. **(NEW)** A method according to claim 285 wherein said corrected telephone number information is transmitted upon detection that said page-originating communicant has entered said corrected telephone number information.

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5     319. **(NEW)** A method according to claim 286 wherein said corrected telephone number information is transmitted upon detection that said page-originating communicant has entered said corrected telephone number information.

10    320. **(NEW)** A method according to claim 287 wherein said corrected telephone number information is transmitted upon detection that said page-originating communicant has entered said corrected telephone number information.

15    321. **(NEW)** A method according to claim 288 wherein said corrected telephone number information is transmitted upon detection that said page-originating communicant has entered said corrected telephone number information.

20    322. **(NEW)** A system according to claim 289 wherein said corrected telephone number information is transmitted by said transmitter upon detection that said page-originating communicant has entered said corrected telephone number information.

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5     323. **(NEW)** A method according to claim 290 wherein said corrected telephone number information is transmitted upon detection that said page-originating communicant has entered said corrected telephone number information.

10    324. **(NEW)** A method according to claim 291 wherein said caller identification information is transmitted upon detection that said page-originating communicant has entered said corrected telephone number information.

15    325. **(NEW)** A method according to claim 259 wherein said page-originating communicant confirms that said caller identification information displayed or annunciated is incorrect by the depression of the "2" key on the telephone keypad.

20    326. **(NEW)** A method according to claim 260 wherein said page-originating communicant confirms that said caller identification information displayed or annunciated is incorrect by the depression of the "2" key on the telephone keypad.

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5     327. **(NEW)** A method according to claim 261 wherein said page-originating  
communicant confirms that said caller identification information displayed or  
annunciated is incorrect by the depression of the "2" key on the telephone  
keypad.

10    328. **(NEW)** A method according to claim 262 wherein said page-originating  
communicant confirms that said caller identification information displayed or  
annunciated is incorrect by the depression of the "2" key on the telephone  
keypad.

15    329. **(NEW)** A method according to claim 263 wherein said page-originating  
communicant confirms that said caller identification information displayed or  
annunciated is incorrect by the depression of the "2" key on the telephone  
keypad.

20    330. **(NEW)** A system according to claim 264 wherein said page-originating  
communicant confirms that said caller identification information displayed or  
annunciated is incorrect by the depression of the "2" key on the telephone  
keypad.

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5     331. **(NEW)** A method according to claim 265 wherein said page-originating  
communicant confirms that said caller identification information displayed or  
annunciated is incorrect by the depression of the "2" key on the telephone  
keypad.

10    332. **(NEW)** A method according to claim 266 wherein said page-originating  
communicant confirms that said caller identification information displayed or  
annunciated is incorrect by the depression of the "2" key on the telephone  
keypad.

15    333. **(NEW)** A method according to claim 267 wherein said page-originating  
communicant confirms that said caller identification information displayed or  
annunciated is incorrect by the depression of the "2" key on the telephone  
keypad.

20    334. **(NEW)** A method according to claim 268 wherein said page-originating  
communicant confirms that said caller identification information displayed or  
annunciated is incorrect by the depression of the "2" key on the telephone  
keypad.

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5     335. **(NEW)** A method according to claim 269 wherein said page-originating  
communicant confirms that said caller identification information displayed or  
annunciated is incorrect by the depression of the "2" key on the telephone  
keypad.

10    336. **(NEW)** A method according to claim 237 wherein said page-originating  
communicant confirms that said caller identification information displayed or  
annunciated is correct by the depression of the "1" key on the telephone  
keypad.

15    337. **(NEW)** A method according to claim 238 wherein said page-originating  
communicant confirms that said caller identification information displayed or  
annunciated is correct by the depression of the "1" key on the telephone  
keypad.

20    338. **(NEW)** A method according to claim 239 wherein said page-originating  
communicant confirms that said caller identification information displayed or  
annunciated is correct by the depression of the "1" key on the telephone  
keypad.

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5     339. **(NEW)** A method according to claim 240 wherein said page-originating  
communicant confirms that said caller identification information displayed or  
annunciated is correct by the depression of the "1" key on the telephone  
keypad.

10    340. **(NEW)** A method according to claim 241 wherein said page-originating  
communicant confirms that said caller identification information displayed or  
annunciated is correct by the depression of the "1" key on the telephone  
keypad.

15    341. **(NEW)** A system according to claim 242 wherein said page-originating  
communicant confirms that said caller identification information displayed or  
annunciated is correct by the depression of the "1" key on the telephone  
keypad.

20    342. **(NEW)** A method according to claim 243 wherein said page-originating  
communicant confirms that said caller identification information displayed or  
annunciated is correct by the depression of the "1" key on the telephone  
keypad.

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- 5     343. **(NEW)** A method according to claim 244 wherein said page-originating  
communicant confirms that said caller identification information displayed or  
annunciated is correct by the depression of the "1" key on the telephone  
keypad.
- 10    344. **(NEW)** A method according to claim 245 wherein said page-originating  
communicant confirms that said caller identification information displayed or  
annunciated is correct by the depression of the "1" key on the telephone  
keypad.
- 15    345. **(NEW)** A method according to claim 246 wherein said page-originating  
communicant confirms that said caller identification information displayed or  
annunciated is correct by the depression of the "1" key on the telephone  
keypad.
- 20    346. **(NEW)** A method according to claim 247 wherein said page-originating  
communicant confirms that said caller identification information displayed or  
annunciated is correct by the depression of the "1" key on the telephone  
keypad.

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- 5     347. **(NEW)** A method according to claim 281 wherein said automated checking routine includes prompting said page-originating communicant for confirmation that said corrected telephone number information displayed or annunciated is correct.
- 10    348. **(NEW)** A method according to claim 282 wherein said automated checking routine includes prompting said page-originating communicant for confirmation that said corrected telephone number information displayed or annunciated is correct.
- 15    349. **(NEW)** A method according to claim 283 wherein said automated checking routine includes prompting said page-originating communicant for confirmation that said corrected telephone number information displayed or annunciated is correct.
- 20    350. **(NEW)** A method according to claim 284 wherein said automated checking routine includes prompting said page-originating communicant for confirmation that said corrected telephone number information displayed or annunciated is correct.

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5    351. **(NEW)** A method according to claim 285 wherein said automated checking routine includes prompting said page-originating communicant for confirmation that said caller-identification information displayed or annunciated is correct.

10   352. **(NEW)** A method according to claim 286 wherein said automated checking routine includes prompting said page-originating communicant for confirmation that said corrected telephone number information displayed or annunciated is correct.

15   353. **(NEW)** A method according to claim 287 wherein said automated checking routine includes prompting said page-originating communicant for confirmation that said corrected telephone number information displayed or annunciated is correct.

20   354. **(NEW)** A method according to claim 288 wherein said automated checking routine includes prompting said page-originating communicant for confirmation that said corrected telephone number information displayed or annunciated is correct.

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- 5    355. **(NEW)** A method according to claim 289 wherein said automated checking routine includes prompting said page-originating communicant for confirmation that said corrected telephone number information displayed or annunciated is correct.
- 10   356. **(NEW)** A method according to claim 290 wherein said automated checking routine includes prompting said page-originating communicant for confirmation that said corrected telephone number information displayed or annunciated is correct.
- 15   357. **(NEW)** A method according to claim 291 wherein said automated checking routine includes prompting said page-originating communicant for confirmation that said corrected telephone number information displayed or annunciated is correct.

- 5    358. **(NEW)** A method according to claim 41 wherein said database includes data which comprises at least one of:
- (1) telephone number data;
  - (2) fax number data;
  - (3) name data;
  - 10    (4) address data;
  - (5) notification type data;
  - (6) intensity field data;
  - (7) communicant's telephone number data;
  - (8) visual indication data;
  - 15    (9) digitized image data;
  - (10) digitized audio data;
  - (11) digitized voice information.



- 5 359. **(NEW)** A method according to claim 107 wherein said database includes data which comprises at least one of:
- (1) telephone number data;
  - (2) fax number data;
  - (3) name data;
  - 10 (4) address data;
  - (5) notification type data;
  - (6) intensity field data;
  - (7) communicant's telephone number data;
  - (8) visual indication data;
  - 15 (9) digitized image data;
  - (10) digitized audio data;
  - (11) digitized voice information.

- 5 360. (NEW) A method according to claim 108 wherein said database includes data which comprises at least one of;
- (1) telephone number data;
  - (2) fax number data;
  - (3) name data;
  - 10 (4) address data;
  - (5) notification type data;
  - (6) intensity field data;
  - (7) communicant's telephone number data;
  - (8) visual indication data;
  - 15 (9) digitized image data;
  - (10) digitized audio data;
  - (11) digitized voice information.

5 361. (NEW) A method according to claim 173 wherein said database includes data which comprises at least one of:

(1) telephone number data;

(2) fax number data;

(3) name data;

10 (4) address data;

(5) notification type data;

(6) intensity field data;

(7) communicant's telephone number data;

(8) visual indication data;

15 (9) digitized image data;

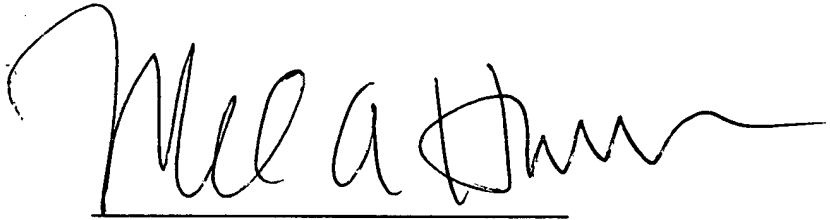
(10) digitized audio data;

(11) digitized voice information.

- 5    362. **(NEW)** A method according to claim 259 wherein upon receipt of said confirmation from said page-originating communicant that said caller-identification information displayed or annunciated is incorrect, allowing the entry of corrected telephone number information.
- 10   363. **(NEW)** A method according to claim 362 wherein said automated checking routine includes prompting said page-originating communicant for confirmation that said corrected telephone number information displayed or annunciated is correct.

Enclosed is a check in the amount of \$3003.00 for the additional claims 315 additional dependent claims ( $315 \times 9.00 = 2835.00$ ) and 4 additional independent claims ( $4 \times 42.00 = 168.00$ ). If any additional fees are required, please charge to Deposit Account No. 50-1060.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Mel A. Hunn', with a long horizontal flourish extending to the right. The signature is written over a thin horizontal line.

Melvin A. Hunn

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